

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1. (Currently Amended) A method of folding a bottom of a package, which comprises a sleeve of packaging material with ~~a transversal seal at an end of a~~ bottom forming portion of the package, said bottom forming portion having the shape of a fin, ~~said fin comprising a sealed portion forming the transversal seal,~~ the method comprising

forming a transversal seal at an end of the bottom forming portion whereby the fin comprises a sealed portion of the transversal seal,

after the forming of the transversal seal at the end of the bottom forming portion, pressing a middle of the sealed portion of the fin, thereby folding a middle portion of the fin, such that primary flaps are created at transversal ends of the fin,

after the pressing of the middle of the sealed portion of the fin, pressing knives against corners on the folded fin in boundary regions between the primary flaps and an edge between the bottom forming portion of the sleeve and the rest of the sleeve, thereby breaking said corners, such that secondary flaps are folded in between the primary flaps and a remaining part of the fin, the secondary flaps on each side of each primary flap thereby being folded essentially towards each other,

after the pressing of the knives against the corners on the folded fin, folding the primary flaps towards each other, and

pressing the primary flaps towards the folded middle portion of the fin.

2. (Previously Presented) A method according to claim 1, wherein the bottom of the package is folded into an octagonal shape.

3. (Previously Presented) A method according to claim 1, wherein the sleeve has a longitudinal seal and the fin is pre-folded away from the longitudinal seal prior to the primary flap-creating folding step.

4. (Previously Presented) A method according to claim 3, wherein the fin is heated during the pre-folding.

5. (Previously Presented) A method according to claim 1, wherein the fin is heated in a number of locations, where the fin is arranged to be sealed during the pressing step, along its length, prior to the pressing step.

6. (Previously Presented) A method according to claim 1, wherein a first partible external forming tool retains the package during the pressing step.

7. (Previously Presented) A method according to claim 6, wherein the first partible external forming tool is opened and closed along the contours of a parallelogram.

8.-33. (Cancelled)

34. (Previously Presented) A method according to claim 1, wherein the sleeve has a circular cross section.

35. (Previously Presented) A method according to claim 1, wherein the folding of the primary flaps towards each other comprises pressing ploughs against the primary flaps.

36. (Currently Amended) A method according to claim ~~[[36]]~~ 35, wherein the pressing of the primary flaps towards the folded middle portion of the fin comprises moving a plunger between the ploughs to press the primary flaps.